

**BOARD OF BOILER RULES MEETING**  
**Minutes for March 9, 2005**  
**Tacoma Labor and Industries**

**Board Members:**

Craig Hopkins, Chair  
Steve Bacon  
Faye Dietz  
Robb Marvin  
Steve Prideaux

**Attendees:**

Leon Barry, ConocoPhillips  
James Burnson, WWSETT, \*ss  
Terry Chapin, Operating Engineer  
Bill Gill, Longview Fibre  
Tony McNamara, CH2O, \*ss  
Leroy Mietzner, NW Steam Society  
Jan Pelroy, \*ss  
Tom Kane, NW Steam Society  
Wolfgang Schlager, NW Steam Society  
Gordon Sullivan, NW Steam Society  
Daryl Walker, Renton Tech. College, \*ss

\*ss – Are the attendees for the Study Session only

The meeting was called to order by the Chair at 9:10 a.m., March 9, 2005.

Changes to the Agenda are as follows:

- A review of WA State Specials be moved to the end of the Agenda after Jurisdictional remarks. Agenda was accepted as amended and approved.

The minutes from the last meeting were reviewed with no additional comments and were accepted and approved.

Board of Boiler Rules Bylaws – Ken Eshleman provided a proposal, no comment. The Bylaws were accepted and approved.

Inspection fee changes, CR 101 – the Department is asking the Board to act on the 3.03% fee increase which is approved from the Office of Financial Management. Not all fees will go up; the permit fees will stay at \$50.00. The Board will be voting on the fees increase at the May 2005 meeting. The fees will go into effect on July 1, 2005. There were no comments from the public.

The WAC assignments for 2005 are as follows:

- WAC 296-104 102, 170 and 200 assigned to Faye Dietz
- WAC 296-104 701 and 050 assigned to Ken Eshleman
- WAC 296-104 302(1) assigned to Steve Prideaux
- WAC 296-104 210 and 220 assigned to Steve Bacon

All Board Members are in the process of reviewing the WACs. There was no public comment regarding the review of the WACs.

RCW updates – a bill that the Department is proposing through the Legislature this year are HS 1312 and SB 5238, both have passed the House and Senate by unanimous vote. Once it is signed by the Governor it will be in effect 90 days later. Mr. Marvin should know where the bills are at by next meeting in May. No comments from the public.

Hobby Boilers – a request from the Department for the Board to review their Miniature Boiler Guidelines. Mr. Hopkins made a comment to the guidelines at Section 6, paragraph 3 to strike stress value and write in maximum stress allowed for clarification. Another correction, should be SB75 and not SA75. The use of copper tubing is not a simple issue. Mr. Bacon is going to look into the copper tubing and will communicate with Mr. Hopkins. Mr. Sullivan, Northwest Steam Society, asked if 400 degrees is the proper temperature. Mr. Hopkins will take his comment up for consideration.

Statewide Licensing – this issue has been before the Board for several meetings. At the last meeting the Board decided to go back to the Attorney General's Office for clarification. The Board received a revised opinion from the Assistant Attorney General (AAG) and it appears the Department has the authority to establish statewide licensing requirements if it is based upon national and international standards. Mr. Marvin would like it known that we did not go back to the AAG to try and get a different opinion because we have a new Attorney General. Mr. Marvin will call the AAG to make sure he can release the opinion that was sent to the Board on March 4, 2005. There were no other comments from the public.

Jurisdictional remarks – the Annual Washington State Boiler Inspectors Association (WSBIA) meeting will be held on March 18<sup>th</sup> at the Embassy Suites Hotel in Tukwila. This meeting can be considered continuing education which can be used to fulfill the mandatory requirements of the National Board for Commissioned Inspectors.

Review of Gordon Sullivan's application for WA State Special permit for a 5 HP Donkey boiler. Additional comment regarding Hobby Boilers as to boats was by Tom Kane a member of the Northwest Steam Society, saying we have been policing our own and we don't care if you license us, just keep the fees reasonable. It is a hobby and is hard to get young people involved. The Board received an opinion from the AG that the Department can regulate the vessels. Mr. Marvin will work with them. The Departments mission is to keep them safe.

Comments regarding Hobby Boilers as to boats will be taken up at the Board's next meeting in May, 2005.

The Board reviewed Mr. Gordon's specifications and feel it is lacking some information that typically is required in WAC 296-104-220, which provides us with minimum requirements. The Board understands that you are in the middle of the process to get the boiler up and running and will approve what you have submitted provided you communicate with the Chief Boiler Inspector. The motion is as follows:

1. Provide the Department with a dimensional drawing of the boiler.
2.
  - a. Provide thickness measurements of the inner combustion chamber and verify minimum thickness of .210 inches.
  - b. Provide thickness measurements of lower tube sheet, compare thickness and verify that the lower tube sheet is similar to top tube sheet.
  - c. Determine thickness of top and bottom tube sheet knuckles to ensure thickness is not less than .300 inches.
3. Provide a Washington State professional engineers stamp on all calculations.
4. Provide a statement that there is no knowledge or evidence of previous repairs welded or riveted.
5. Install an ASME safety valve sized in accordance with the 1971 ASME Section I Code and set at or below 80 psig.
6. Perform a satisfactory hydrostatic test at 120 psig at a minimum temperature of 70 degrees which shall be witnessed by a state boiler inspector.
7. Repair organization shall verify original material metallurgy, certify weld ability and provide appropriate weld procedure information.
8. Repair organization shall provide to the state boiler inspector a welded repair plan including drawings. Verify compliance of repair and materials to the 1971 ASME Section I Code. Final welds to be MT or PT examined.
9. Yearly inspection certificate will be obtained and maintained as required.

Motion was approved.

Meeting was adjourned at 11:10 a.m.

Submitted by,  
Robb Marvin, Chief Boiler Inspector  
Department of Labor and Industries